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TITLE: SHARED MEMORY SYSTEM

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ABSTRACT:

    PROBLEM TO BE SOLVED: To make a shared object referrable and
changeable
without constituting any transaction.

    SOLUTION: When an object is shared among a plurality of computers
21-23,
shared memory areas 24 and 25 which hold the copy of the **shared
object** are
prepared on each computer and a manager process transfers data among
the
computers one page by one page at fixed timing. In order to make the
transferring directions of the data uniform and to eliminate the
contradiction
among the data by writing contention, only the process on the
computer of one
shared memory area is allowed to write the data in the **shared memory**
area.
When a duplex computer system is used, synchronization is established
by
updating information or, when necessary, copying the information

among the
shared memory areas of the systems.

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